

Attorney's Docket No. Wideband-109/Tank-213 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David Isaksen; Mark Fong

U.S. Serial No: Group Art Unit:

Date Filed: December 11, 2003 Examiner:

Title: "CONTROL ALGORITHM IN QAM MODEMS."

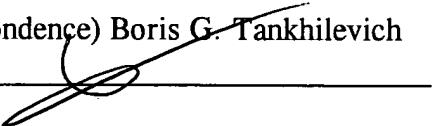
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Statement Form PTO-1449 be initiated by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
on: (date of Deposit) December 11, 2003
(Typed or printed name of person mailing correspondence) Boris G. Tankhilevich
(Signature of person mailing correspondence) _____



Pursuant to 37 C. F. R. Section 1.97, the submission of this Information

Disclosure Statement is not construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C. F. R. Section 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

X 37 C. F. R. Section 1.97(b)

37 C. F. R. Section 1.97(c) If so, then enclosed with this Information Disclosure Statement is one of the following:

- A certificate pursuant to 37 C. F. R. Section 1.97(e) or
- A check for \$ for the fee under 37 C. F. R. Section 1.17(p).

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- (1) A certificate pursuant to 37 C. F. R. Section 1.97(e);
- (2) A petition requesting consideration of this Information Disclosure Statement; and
- (3) A check for \$ for the fee under 37 C. F. R. Section 1.17(i) for submission of the Information Disclosure Statement.

Dated: December 11, 2003

Respectfully submitted,



Patent Attorney
Boris Tankhilevich
Reg. No. 38,689

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Substitute for form 1449/PTO		Complete if Known	
		Application Number	
		Filing Date	December 11, 2003
		First Named Inventor	David ISAKSEN
		Art Unit	
		Examiner Name	
Sheet	1	of	1
		Attorney Docket Number	Wideband-109/Tank-21

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.² Applicant's unique citation designation number (optional).³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁷ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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